

CENTRAL INTELLIGENCE AGENCY

REPORT

## INFORMATION REPORT

CONFIDENTIAL

COUNTRY Germany (Russian Zone)

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SUBJECT Atomic Research at Niederwartha Power Station

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1. The Niederwartha Power Station is controlled by KTB 21 (a section of Koch and Sterzel), which is under the charge of Soviet Major Barsky. He is not an outstanding scientist, and his experiments connected with atomic research are said to be out of date. 50X1-HUM
2. Ober. Ing. Rudolf Brey, who is employed by Koch und Sterzel, has agreed to work at Niederwartha. He will not be in sole charge, but will act as scientific adviser. Though not a specialist in the field, he is engaged in atomic research. He is a mathematician, but lacks electronics knowledge.
3. Niederwartha is a high tension transformer station. The turbines of the former hydro-power station have been dismantled, and in the large turbine hall a 23-meter high rectifier for 500,000 volts DC has been erected. As of late May 1948, the scaffolding had been removed from around the rectifier, but trials have not yet started.
4. An "Ionic" tube, 8 meters long for 300,000 volts, is to be used. No trials had taken place up to the beginning of April 1948. A further "Ionic" tube of approximately 10 meters is being developed, but existed only on the drawing board as of late May 1948.
5. There has been mention of a cyclotron at Niederwartha, but as yet it has not been possible to confirm or deny this. 50X1-HUM

Comment: Soviet knowledge in atomic research at Niederwartha is two years behind German developments in 1945. 50X1-HUM

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